## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9939	((156/252) or (156/253) or (156/263) or (264/400) or (428/43) or (219/121.67) or (219/121.71) or (219/121.72) or (280/728.1) or (280/728.3)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:08
L2	5741	1 and @ad<="20031010"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:08
L3	1104	2 and (air with bag)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:08
L4	583	laser adj drill\$3 and angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:09
L5	0	3 and 4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:09
L6	14574	laser and angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:09
L7	13	3 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/03 14:10
S1	1	("20060151919").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/05 10:39
S2	3924	((156/252) or (156/253) or (156/263) or (264/400) or (428/43)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:51
S3	2632	S2 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:52
S4	60	S3 and air with bag	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:52
S5	278828	S4 and fabric or foam	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:55
S6	28	S4 and (fabric or foam)	US-PGPUB; USPAT	OR	OFF	2009/01/28 16:55

<b>S</b> 7	15	(("6808197") or ("6533314") or ("6523237") or ("6460875") or ("6938258") or ("6247727") or ("6001295") or ("5779262") or ("5447328") or ("5335935") or ("20020099162") or ("20020121767") or ("20020175446")).PN.	US-PGPUB; USPAT	OR	OFF	2009/01/28 17:21
S8	510653	"15" and laser	US-PGPUB; USPAT	OR	OFF	2009/01/28 17:30
S9	5	S7 and laser	US-PGPUB; USPAT	OR	OFF	2009/01/28 17:30
S10	40	("3626143"   "3700850"   "3756617"   "3790744"   "3909582"   "4120516"   "4124965"   "4169976"   "4246213"   "4307282"   "4356375"   "4504727"   "4537809"   "4608480"   "4786219"   "5001325"   "5059761"   "5060971"   "5082310"   "5103073"   "5110647"   "5174602"   "5180187"   "5209813"   "5256354"   "5286947"   "5288103"   "5335935"   "5375875"   "5376770"   "5582424"   "5589090"   "5744776"   "5882572"   "5883356"   "6113131"   "6267918"   "6294124").PN. OR ("6808197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/28 17:31
S11	31	("3626143"   "3700850"   "3909582"   "4120516"   "4169976"   "4356375"   "4504727"   "4537809"   "4608480"   "5001325"   "5059761"   "5103073"   "5180187"   "5335935"   "5375875"   "5376770"   "5589090"   "5883356").PN. OR ("6294124").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 10:26
S12	32	("3794349"   "4334699"   "4895389"   "4960292"   "5002307"   "5009452").PN. OR ("5180187").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 10:46
S13	31	bauer-david-j.in.	US-PGPUB; USPAT	OR	OFF	2009/01/29 10:59
S14	1988	((280/728.1) or (280/728.3)). CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/29 12:47

S15	1530	S14 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/29 12:47
S16	429	S15 and angl\$4	US-PGPUB; USPAT	OR	OFF	2009/01/29 12:47
S17	49	S16 and laser\$	US-PGPUB; USPAT	OR	OFF	2009/01/29 12:47
S18	53	("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "55444912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992877"   "6050595"   "6059311"   "6062590"   "61131945"   "6139049"   "6140602"   "6145879"   "6252196"   "6254122"   "6267918"   "6283001"   "6294124"   "6318752"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540").PN. OR ("7100941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 12:59
S19	47	S18 not S17	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:09
S20	135005	"156"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:16
S21	80	S20 and laser\$4 same angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:17
S22	56	S21 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:17
S23	1411	(428/43).CCLS.	USPAT	OR	OFF	2009/01/29 13:24
S24	193	S23 and laser\$4	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:24
S25	19	S23 and laser\$4 and (fabric or textile)	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:26
S26	39	laser\$4 adj drill and angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:37

S27	449	laser adj drill\$3 and angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:38
S28	68	laser adj drill\$3 same angl\$5 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 13:38
S29	1	("5792411").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:39
S30	4	((DIETER) near2 (RENNER)). INV.	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:42
S31	75	((GEORG) near2 (MUELLER)). INV.	US-PGPUB; USPAT	OR	OFF	2009/01/29 13:42
S32	10	griebel-martin.in.	US-PGPUB; USPAT	OR	OFF	2009/01/29 14:36
S33	1	("5882572").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/29 15:02
S34	11	("3790744"   "4549063"   "4789770"   "5101090"   "5632914").PN. OR ("5882572").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 15:05
S35	6	("5744776"   "5882572").PN. OR ("6433304").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 15:12
S36	3	S34 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 15:12
S37	1	("5362914").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/29 15:46
S38	1540	((219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/29 15:52
S39	1247	((219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/01/29 15:52
S40	971	S39 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/29 15:52
S41	58	S40 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/29 15:53
S42	1	("20010010423").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 09:27
S43	0	S42 and seat	US-PGPUB; USPAT	OR	OFF	2009/01/30 09:27
S44	1	S42 and foam	US-PGPUB; USPAT	OR	OFF	2009/01/30 09:30
S45	1	("20060151919").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 09:38
S46	1	S45 and support\$4	US-PGPUB; USPAT	OR	OFF	2009/01/30 09:38

S47	53	("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5531470"   "5540459"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992877"   "6050595"   "6059311"   "6062590"   "6102435"   "6107218"   "6131945"   "6139049"   "6152482"   "6230056"   "6252196"   "6254122"   "6267918"   "6283001"   "6294124"   "6318752"   "6328367"   "6337461"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540"). PN. OR	US-PGPUB; USPAT; USOCR		OFF	2009/01/30 10:55
S48	1	("7100941").URPN. ("5632914").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 11:06
S49	34	("4465919"   "4547651"   "4851061"   "5058413"   "5072967"   "5082310"   "5131678"   "5211084"   "5250785"   "5316822"   "5348339"   "5386430"   "5410125"   "5478111").PN. OR ("5632914").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 11:10
S50	1	("20020153710").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 11:27
S51	91184	S50 and fabric or textile	US-PGPUB; USPAT	OR	OFF	2009/01/30 11:27
S52	0	S50 and (fabric or textile)	US-PGPUB; USPAT	OR	OFF	2009/01/30 11:27
S53	28	("3451693"   "3527475"   "3831972"   "3892425"   "4097065"   "4805930"   "5016913"   "5073418"   "5131434"   "5178408"   "5219179"   "5333903"   "5370925").PN. OR ("5478111").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 11:44
<b>S</b> 54	15	S53 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 11:53

S55	6	S49 and (fabric or textile)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 11:54
S56	1	S42 and spac\$	US-PGPUB; USPAT	OR	OFF	2009/01/30 12:57
S57	1249	(280/728.3).COLS.	US-PGPUB; USPAT	OR	OFF	2009/01/30 13:43
S58	909	S57 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/30 13:43
S59	33	S58 and (textile or fabric) and laser	US-PGPUB; USPAT	OR	OFF	2009/01/30 13:44
S60	1249	(280/728.3).COLS.	US-PGPUB; USPAT	OR	OFF	2009/01/30 16:59
S61	909	S60 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/30 16:59
S62	404	S61 and seat	US-PGPUB; USPAT	OR	OFF	2009/01/30 16:59
S63	102	S61 and airbag with seat	US-PGPUB; USPAT	OR	OFF	2009/01/30 17:00
S64	58	airbag same clothing	US-PGPUB; USPAT	OR	OFF	2009/01/30 17:29
S65	5	(("4602191") or ("4709307") or ("4825469") or ("4685151") or ("3827716")). PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 17:34
S66	32	("1144150"   "3243822"   "3550159"   "3921944"   "3930667"   "4059852"   "4089065"   "4637074").PN. OR ("4825469").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:35
S67	3	S66 and tear	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:35
<b>S</b> 68	37	("3827716"   "4059852"   "4089065"   "4303904"   "4637074"   "4685151"   "4739328"   "4825469"   "4977623"   "4984821"   "5030807"   "5086389"   "5091992"   "5133084"   "5335884"   "5362098"   "5390367"   "5394563"   "5402535"   "5421610"   "5500952"   "5535446"   "5558627").PN. OR ("6032299").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:38
S69	7	hilliard-donald-patrick.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:49

S70	25	weaken\$4 and cloth\$4 and air near2 bag and motorcycle	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:50
S71	1203	tear with line and cycle	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:51
S72	500	tear near2 line and cycle	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:52
S73	18	S72 and airbag	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:52
S74	360	airbag and motorcycle	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:58
S75	169	S74 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/30 17:58
S76	250	airbag and (shirt or jacket)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/30 17:59
S77	153	S76 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/01/30 17:59
S78	6	(("20020153710") or ("6433304") or ("20010010423") or ("6254122") or ("20020047252") or ("5632914")).PN.	US-PGPUB; USPAT	OR	OFF	2009/01/30 18:20
S79	379	airbag with thread	US-PGPUB; USPAT	OR	ON	2009/07/09 12:06
S80	754	airbag and panel and thread	US-PGPUB; USPAT	OR	ON	2009/07/09 12:07
S81	357	S80 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/07/09 12:07
S82	2064	((280/728.1) or (280/728.3)). CCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/09 12:17
S83	1535	S82 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/07/09 12:17
S84	608	S83 and (fabric or thread)	US-PGPUB; USPAT	OR	ON	2009/07/09 12:17

<b>S</b> 85	15	(("6808197") or ("6533314") or ("6523237") or ("6460875") or ("6938258") or ("6296802") or ("6247727") or ("6001295") or ("5779262") or ("5447328") or ("5335935") or ("20020099162") or ("20020121767") or ("20020175446")).PN.	US-PGPUB; USPAT	OR	OFF	2009/07/09 12:17
S86	4	S85 and (fabric or thread)	US-PGPUB; USPAT	OR	ON	2009/07/09 12:17
S87	54	("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5544912"   "5540459"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5902428"   "5941558"   "5961143"   "5975563"   "5992877"   "6050595"   "6059311"   "6062590"   "6102435"   "6139049"   "6140602"   "6145879"   "6152482"   "6254122"   "6267918"   "6254122"   "6267918"   "6337461"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540").PN. OR ("7100941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09
S88	15	(("6808197") or ("6533314") or ("6523237") or ("6460875") or ("6938258") or ("6296802") or ("6247727") or ("6001295") or ("5779262") or ("5447328") or ("5335935") or ("20020099162") or ("20020121767") or ("20020175446")).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/29 12:38
S89	0	S88 and damage and (fiber or fabric or thread)	US-PGPUB; USPAT	OR	ON	2009/10/29 12:38

S90	6	S88 and (damage or cut or score or perforate or drill) and (fiber or fabric or thread)	US-PGPUB; USPAT	OR	ON	2009/10/29 12:38
S91	635	(weaken or damage) with (fabric or thread) and laser	US-PGPUB; USPAT	OR	ON	2009/10/29 12:41
S92	2	(weaken or damage) with (fabric or thread) near laser	US-PGPUB; USPAT	OR	ON	2009/10/29 12:41
S93	62	(weaken or damage) with (fabric or thread) same laser	US-PGPUB; USPAT	OR	ON	2009/10/29 12:42
S94	35	S93 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/10/29 12:42
<b>S</b> 95	54	("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5544912"   "5540459"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992877"   "6050595"   "6059311"   "6062590"   "6102435"   "6107218"   "6131945"   "6139049"   "6152482"   "6254122"   "6267918"   "6254122"   "6267918"   "6283001"   "6294124"   "6318752"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540").PN. OR ("7100941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29
S96	325	S91 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/10/29 12:47
S97	171	S96 and (puncture or perforate or hole or drill)	US-PGPUB; USPAT	OR	ON	2009/10/29 12:48
S98	30	("3451693"   "3511519"   "3527475"   "3831972"   "3892425"   "3937488"   "4097065"   "4805930"   "5016913"   "5056815"   "5073418"   "5131434"   "5178408"   "5219179"   "5333903"   "5370925"   "5388860").PN. OR ("5518269").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 13:20

S99	30	("3451693"   "3511519"   "3527475"   "3831972"   "3892425"   "3937488"   "4097065"   "4805930"   "5016913"   "5056815"   "5073418"   "5131434"   "5178408"   "5219179"   "5333903"   "5370925"   "5388860").PN. OR ("5518269").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 11:08
S100	455	(280/739).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:29
S101	4064	((156/252) or (156/253) or (156/263) or (264/400) or (428/43)).COLS.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:30
S102	2641	S101 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:30
S103	60	((wu) near2 (frank)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:32
S104	13	((lutze) near2 (walter)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/07 11:34
S105	8	("5738367"   "6113131"   "6247722"   "6337461").PN. OR ("7000942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 11:51
S106	52	("20030230875"   "20040164531"   "20060024476"   "3756617"   "4120516"   "4893833"   "4968057"   "4989896"   "4991271"   "4991870"   "5072967"   "5076312"   "5080393"   "5082310"   "5131678"   "5217244"   "5222760"   "5342088"   "5375875"   "5375876"   "5421608"   "5447328"   "5478106"   "5496059"   "5522616"   "5611564"   "5532914"   "5698283"   "5738367"   "5744776"   "5757727"   "5797619"   "5883356"   "6070901"   "6079733"   "6224090"   "6247722"   "6267918"   "6294124"   "6357788"   "6496056"   "6423933"   "6453535"   "6533314"   "6692019"   "6716519"   "6737607"   "6753057"   "6808197"   "6848707"   "7000942").PN. OR ("7093850").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07

S107	33	("4246213"   "5096221"   "5131678"   "5429385"   "5447327").PN. OR ("5738367").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 12:14
S108	20	((richard) near2 (merrifield)). INV.	US-PGPUB; USPAT	OR	OFF	2009/12/07 12:43
S109	16	((riha) near2 (keith)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/07 12:56
S110	53	("4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5487558"   "5531470"   "5540459"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992877"   "6042139"   "6050595"   "6059311"   "6062590"   "6076564"   "6131945"   "6107218"   "6131945"   "6139049"   "6140602"   "6145879"   "6152482"   "623056"   "6252196"   "6254122"   "6267918"   "623001"   "6294124"   "6318752"   "6328367"   "6337461"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "6719320"   "7100941"   "RE37540"). PN. OR ("7556284"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 12:57
S111	53	S110 and @ad<="20031010"	US-PGPUB;	OR	OFF	2009/12/07
S112	51	S110 and @pd<="20031010"	USPAT US-PGPUB; USPAT	OR	OFF	12:57 2009/12/07 12:57
S113	14	("2004/0164531").URPN.	USPAT	OR	OFF	2009/12/07 13:13
S114	1	("20020050046").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/07 13:16
S115	12910	(puncture or perforate or hole or drill) and angle and (conceal or hide)	US-PGPUB; USPAT	OR	ON	2009/12/07 13:25
S116	2158	S115 and fabric	US-PGPUB; USPAT	OR	ON	2009/12/07 13:26
S117	586	S116 and laser	US-PGPUB; USPAT	OR	ON	2009/12/07 13:26

S118	224	S117 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/12/07 13:26
S119	126	S117 and @pd<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/12/07 13:27
S120	98	S118 not S119	US-PGPUB; USPAT	OR	OFF	2009/12/07 13:38
S121	674	(tear with (seam or line)) and (conceal or hide)	US-PGPUB; USPAT	OR	ON	2009/12/07 13:43
S122	408	S121 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/12/07 13:43
S123	85	S122 and fabric	US-PGPUB; USPAT	OR	ON	2009/12/07 13:43
S124	4965	delphi.as.	US-PGPUB; USPAT	OR	ON	2009/12/07 14:04
S125	6	S124 and S108	US-PGPUB; USPAT	OR	ON	2009/12/07 14:04
S126	247269	(puncture or perforate or hole or drill or cut or sever) same angle	US-PGPUB; USPAT	OR	ON	2009/12/07 14:05
S127	138	S124 and S126	US-PGPUB; USPAT	OR	ON	2009/12/07 14:05
S128	89	S127 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2009/12/07 14:05
S129	8402	(puncture or perforate or hole or drill or cut or sever) same angle same (fabric or web)	US-PGPUB; USPAT	OR	ON	2009/12/07 14:07
S130	4	S124 and S129	US-PGPUB; USPAT	OR	ON	2009/12/07 14:07
S131	0	("layerwithcut\$4withangle"). PN.	US-PGPUB; USPAT	OR	OFF	2009/12/07 14:09
S132	1843	layer with cut\$4 with angle	US-PGPUB; USPAT	OR	OFF	2009/12/07 14:10
S133	1	S124 and S132	US-PGPUB; USPAT	OR	ON	2009/12/07 14:10
S134	4085	fabric and (thread with (space or distance or apart))	US-PGPUB; USPAT	OR	ON	2009/12/21 16:33
S135	1485	fabric same (thread with (space or distance or apart))	US-PGPUB; USPAT	OR	ON	2009/12/21 16:34
S136	14	S135 and airbag	US-PGPUB; USPAT	OR	ON	2009/12/21 16:34

S137	17	("4977016"   "5073418"   "5093163"   "5236775"   "5302432"   "5470106"   "5477890"   "5508073"   "5540965"   "5554424"   "5581856"   "5637114"   "5650207"   "5657798"   "5693392").PN. OR ("6022817").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/21 16:37
S138	0	S137 and S135	US-PGPUB; USPAT	OR	ON	2009/12/21 16:37
S139	1	S137 and S134	US-PGPUB; USPAT	OR	ON	2009/12/21 16:37
S140	1	("20020050046").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/22 08:43
S141	55	("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992877"   "6050595"   "6059311"   "6062590"   "6102435"   "6107218"   "6131945"   "6139049"   "6152482"   "6254122"   "6267918"   "6254122"   "6267918"   "6283001"   "6294124"   "6318752"   "6328367"   "6337461"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540").PN. OR ("7100941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/22
S142	24	S141 and fabric and (airbag or (air near2 bag))	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:57
S143	16	((keith) near2 (riha)).inv.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 09:00

S144		("20020050046"   "4753088"   "5110666"   "5131678"   "5385784"   "5421608"   "5431435"   "5540459"   "5544912"   "5564731"   "5641177"   "5685930"   "5720323"   "5744776"   "5779262"   "5783016"   "5804121"   "5902428"   "5941558"   "5992428"   "5975563"   "5992877"   "6050595"   "6059311"   "6062590"   "6102435"   "6139049"   "6140602"   "6145879"   "6152482"   "6230056"   "6252196"   "6254122"   "6267918"   "6337461"   "6402189"   "6447706"   "6453535"   "6457738"   "6460880"   "6475423"   "RE37540") . PN. OR ("7100941") . URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/22
S145	1	("2002/0153710").URPN.	USPAT	OR	OFF	2009/12/22 09:48
S146	644	((john) near2 (gray)).inv.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 09:49
S147	31	S146 and airbag	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 09:49
S148	47	("4623503"   "4968465"   "5131678"   "5222760"   "5234639"   "5256354"   "5288103"   "5316335"   "5320896"   "5443777"   "5445510"   "5447328"   "5451075"   "5456490"   "5458361"   "5466412"   "5484273"   "5487558"   "5501890"   "5530057"   "5544912"   "5560646"   "5567375"   "5569959"   "5580083"   "5618485"   "5623914"   "5641177"   "5654102"   "5772240"   "5810388"   "5845931"   "5961143"   "6065771"   "6070901"   "6123356"   "6267935"   "6375878"   "6402189"   "6453535"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/22 09:50

**************		OR ("6976701").URPN.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$		
S149	16	("5131678"   "5222760"   "5487558"   "5487588"   "5544912"   "5641177"   "5772240"   "6065771"   "6402189"   "6453535"   "6539612"   "RE37540").PN. OR ("6709007").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/22 09:50
S150	2	"20020153710"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/22 09:51
S151	1	("20020153710").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/22 09:51
S152	1	S151 and (off-set)	US-PGPUB; USPAT	OR	ON	2009/12/22 09:52
S153	1	S151 and (angle)	US-PGPUB; USPAT	OR	ON	2009/12/22 09:54
S154	3	(("20020153710") or ("5518269") or ("6337461")). PN.	US-PGPUB; USPAT	OR	OFF	2009/12/22 13:15
S155	15	(("6808197") or ("6533314") or ("6523237") or ("6460875") or ("6938258") or ("6296802") or ("6247727") or ("6001295") or ("5779262") or ("5447328") or ("5335935") or ("20020099162") or ("20020121767") or ("20020175446")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/22 13:16
S156	3	S154 not S155	US-PGPUB; USPAT	OR	OFF	2009/12/22 13:16
S157	4362	fabric same (thread with (space or distance or apart))	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 11:17
S158	14	S157 and airbag	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 11:17
S159	1382	(280/728.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/06 11:17
S160	909	S159 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2010/05/06 11:17
S161	102	S160 and airbag with seat	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 11:17
S162	2029	(428/43).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 11:18

S163	10956	5and airbag with seat	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 11:18
S164	102	S161 and airbag with seat	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 11:18
S165	3	S162 and airbag with seat	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/06 11:18
S166	2443	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/10/12 09:58
S167	1667	S166 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2010/10/12 09:58
S168	947	S167 and spac\$4	US-PGPUB; USPAT	OR	OFF	2010/10/12 10:01
S169	7	S167 and (spac\$4 with (thread or fabric))	US-PGPUB; USPAT	OR	ON	2010/10/12 10:02
S170	48	("3174837"   "3226527"   "3371190"   "3372290"   "3582189"   "3594261"   "4028525"   "4128752"   "4131782"   "4218606"   "4246613"   "4262186"   "4343358"   "4354205"   "4378480"   "4390243"   "4427264"   "4473737"   "4504867"   "4529268"   "4562481"   "4568815"   "4577928"   "4591920"   "4633322"   "4652085"   "4672168"   "Re27617").PN. OR ("4879451").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/12 10:05
S171	569	laser adj drill\$3 and angl\$5 and (fabric or textile)	US-PGPUB; USPAT	OR	OFF	2010/10/12 11:48
S172	659	laser adj drill\$3 and angl\$5 and (fabric or textile)	US-PGPUB; USPAT	OR	ON	2010/10/12 11:48
S173	43	((laser adj drill\$3) with (fabric or textile)) and angl\$5	US-PGPUB; USPAT	OR	ON	2010/10/12 11:49
S174	33	S173 and @ad<="20031010"	US-PGPUB; USPAT	OR	OFF	2010/10/12 11:50

S175 204		"1616222"	US-PGPUB;	OR	OFF	2010/10/12
	"20020056	536"   "2038712"	USPAT;			11:53
		"   "3309263"	USOCR			
	"3705079"	"3817827"   <sup>.</sup>				
	"3832758"	"3866277"				
	"3879257"	"3915202"				
	"3974025"	"4072557"				
	"4149571"	   "4154883"				
	"4161195"	"4171009"				
	"4191609"	"4212703"				
	"4239065"	"4382987"				
	"4440597"	"4514345"				
	"4515853"	"4528239"				
	"4529480"	"4533437"				
	"4541895"	"4551199"				
	"4552620"	"4556451"				
	"4588632"	"4592395"				
	"4637859"	"4671983"				
	"4680873"	"4741376"				
	"4759391"	"4799318"				
	"4849054"	"4919877"				
	"4921750"	"4942077"				
	"4967805"	"5013330"				
	"5048589"	"5066532"				
	"5069548"	"5071697"				
	"5098522"	"5114777"				
	"5126015"	"5151316"				
	"5161207"	"5178729"				
	"5219004"	"5223092"				
	"5227424"	"5230776"				
	"5233733"	"5245025"				
	"5254398"	"5260171"				
	"5275700"	"5277761"				
	"5300347"	"5314584"				
	"5328565"	"5330604"				
	"5334289"	"5348620"				
	"5353521"	"5364504"				
	"5366785"	"5366786"				
	"5372876"	"5391419"				
	"5399412"	"5401557"				
	"5429686"	"5431786"				
	"5437908"	"5443691"				
	"5449548"	"5456293"				
	"5462642"	"5496624"				
	"5500277"	"5501768"	***			
	"5503715"	"5507700"				
	"5508095"	"5510002"				
	"5512319"	"5514523"				
	"5520225"	"5527429"	***************************************			
	"5545295"	"5549790"				
	"5554467"	"5556509"				
	"5565132"	"5566724"				
	: 5	•				
	"5573637"	"5580423"     "5503545"	***************************************			
	"5591309"	"5593545"     "5509642"				
	"5598642"	"5598643"				
	"5607551"	"5607980"     "5614061"				
	"5609725"	"5614061"				

		"5614293"   "5624790"   "5628876"   "5637106"   "5637194"   "5643588"   "5650218"   "5656132"   "5667636"   "5672248").PN. OR ("5679222"   "5693187" "5699626"   "5701682"   "5709775"   "5714041"   "5716692"   "5776307"   "5772845"   "5779965"   "5775312"   "5804036"   "5804281"   "5814190"   "5830321"   "5832962"   "5837102"   "5840403"   "5846379"   "5845739"   "5846379"   "5855739"   "5857497"   "5861082"   "5885416"   "5885418"   "588347"   "5893965"   "5897745"   "5900122"   "5904811"   "5906710"   "5925217"   "5935381"   "5938893"   "5948210"   "5954097"   "5972813"   "5990377"   "6010598"   "6017417"   "6039838"   "6039839"   "6074527"   "6096169"   "6103060"   "6120642"   "6140260"   "6143135"   "6149768"   "6197154"   "6455129"   "6458447"   "D381811"   "D382162"   "D384210"   "D395955"   "D416393"   "D419782").PN. OR ("6746570").URPN.				
S176	11	("5098764"   "5158819"   "5585017").PN. OR ("5906786").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/12 11:57
S177	41	S175 and (laser or drill\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/12 12:50
S178	2	(("20060231536") or ("5744776")).PN.	US-PGPUB; USPAT	OR	OFF	2010/10/22 16:10

## **EAST Search History (Interference)**

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## 3/3/2011 2:10:58 PM

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